Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of claims:

1. (original) A nutritional composition suitable for facilitating bone healing in a mammal, comprising lysine, proline, ascorbic acid, copper, and vitamin B_6.

2. (original) The nutritional composition of claim 1, wherein the nutritional composition contains 27- 34 % wt lysine, 14-15 % wt proline, and 42-47 % wt ascorbic acid.

3. (original) The nutritional composition of claim 1, wherein the nutritional composition provides a daily dosage of

a) 230 mg-10 grams lysine, 120 mg-5 grams proline, 360 mg-15 grams ascorbic acid, 1.5 μg-20 mg copper, and 0.2 mg-20 mg vitamin B_6;

b) 1,010 mg-8 grams lysine, 560 mg-4 grams proline, 1,500 mg-9 grams ascorbic acid, 2 μg-6 mg copper, and 0.5 mg-10 mg vitamin B_6; or

c) 1,010 mg lysine, 560 mg proline, 1,500 mg ascorbic acid, 330 μg copper and 10 mg vitamin B_6.

4. (currently amended) The nutritional composition of claim 1, wherein ~~said~~ the nutritional composition provides a daily dosage per body weight of

a) 3.2-139 mg/kg lysine, 1.7-69. 4 mg/kg proline, 5-208.3 mg/kg ascorbic acid, 0.02-278 μg/kg copper, and 2.78-279 μg/kg vitamin B_6;

b) 14-111 mg/kg lysine, 7.8-55. 6 mg/kg proline, 20.8-125 mg/kg ascorbic acid, 0.03-83.3 μg/kg copper, and 6.94-139 μg/kg vitamin B_6; or

c) 14 mg/kg lysine, 7.8 mg/kg proline, 20.8 mg/kg ascorbic acid, 4.6 μg/kg copper, and 139 μg/kg vitamin B6.

5. (currently amended) The nutritional composition of ~~any one of claims 1 to 4~~ claim 1, wherein the nutritional composition further comprises vitamin A, vitamin D_3, vitamin E, vitamin B_1, vitamin B_2, niacin, folic acid, vitaminB_{12}, biotin, pantothenic acid, calcium, phosphorus, magnesium, zinc, selenium, manganese, chromium, molybdenum, potassium, citrus fruit peel bioflavanoids, arginine, cysteine, inositol, carnitine, coenzyme Q_{10}, and pycnogenol.

6. (original) The nutritional composition of claim 5, wherein the nutritional composition provides a daily dosage of

a) 67 μg-100 mg vitamin A, 0.7 μg-50 μg vitamin D_3,0. 7 μg-50 μg vitamin E, 1.4 mg-8 mg vitamin B_1, 1.4 mg-8 mg vitamin B_2, 9 mg-250 mg niacin, 18 μg-500 μg folic acid, 4 μg-100 μg vitamin B_{12}, 13 μg- 400 μg biotin, 8 mg-100 mg pantothenic acid, 7 mg-40 mg calcium, 3 mg-300 mg phosphorus, 40 mg-200 mg magnesium, 0.5 mg-10 mg zinc, 20 μg-300 μg selenium, 0.8 mg-15 mg manganese, 2 μg-200μg chromium, 0.8 μg-100 μg molybdenum, 4 mg-300 mg potassium, 20 mg-500 mg citrus fruit peel bioflavanoids, 10 mg-500 mg arginine, 10 mg-400 mg cysteine, 5 mg-400 mg inositol, 5 mg-400 mg carnitine, 1.6 mg-70 mg coenzyme Q_{10}, and 1.6 mg-70 mg pycnogenol;

b) 166 μg-50 mg vitamin A, 1.65 μg-20 μg vitamin D_3, 1.65 μg-20 μg vitamin E, 3.5 mg-7 mg vitamin B_1, 3.5 mg-7 mg vitamin B_2, 22.5 mg-100 mg niacin, 45 μg-300 μg folic acid, 10 μg-50 μg vitamin B_{12}, 32 μg-300 μg biotin, 20 mg-60 mg pantothenic acid, 17 mg-35 mg calcium, 7 mg-100 mg phosphorus, 50 mg-100 mg magnesium, 3 mg-8 mg zinc, 30 μg- 250 μg selenium, 1 mg-3.25 mg manganese, 2 μg-75 μg chromium, 2 μg -75 μg molybdenum, 8 mg-200 mg potassium, 50 mg-250 mg citrus fruit peel bioflavanoids, 100 mg-300 mg arginine, 80 mg-200 mg cysteine, 80 mg-200 mg inositol, 80 mg-200 mg carnitine, 3 mg-35 mg coenzyme Q_{10}, and 3 mg-35 mg pycnogenol; or

c) 333 μg vitamin A, 3.3 μg vitamin D_3, 3.3 μg vitamin E, 7 mg vitamin B_1, 7 mg vitamin B_2, 45 mg niacin, 90 μg folic acid, 20 μg vitamin B_{12}, 65 μg biotin, 40 mg pantothenic acid, 35 mg calcium, 15 mg phosphorus, 40 mg magnesium, 7 mg zinc, 20 μg selenium, 1.3 mg manganese, 10 μg chromium, 4 μg molybdenum, 20 mg potassium, 100 mg citrus fruit peel bioflavanoids, 40 mg arginine, 35 mg cysteine, 35 mg inositol, 35 mg carnitine, 7 mg coenzyme Q_{10}, and 7 mg pycnogenol.

7. (currently amended) The nutritional composition of claim 5, wherein said composition further comprises the following components in ~~a~~ the following daily dosage per body weight ~~of~~

a) 0.9-1, 390 μg/kg vitamin A, 0.01-0.694 μg/kg vitamin D_3, 0.01-0.694 μg/kg vitamin E, 19.4-111 μg/kg vitamin B_1, 19.4-111 μg/kg vitamin B_2, 125-3,472 μg/kg niacin, 0.25-6.94 μg/kg folic acid, 0.05-1.39 μg/kg vitamin B_{12}, 0.181-5.56 μg/kg biotin, 111-1,390 μg/kg pantothenic acid, 97.2-555 μg/kg calcium, 42-4,167 μg/kg phosphorus, 555-2,778 μg/kg magnesium, 6.9-139 μg/kg zinc, 0.28-4.17 μg/kg selenium, 11.1-208.3 μg/kg manganese, 0.03-2.78 μg/kg chromium, 0.01-1.39 μg/kg molybdenum, 55.6-4,167 μg/kg potassium, 278-6.944 μg/kg citrus fruit peel bioflavanoids, 139-6,944 μg/kg arginine, 135-5,555 μg/kg cysteine, 69-5,555 μg/kg inositol, 69-5,555 μg/kg carnitine, 22.2-972 μg/kg coenzymeQ_{10}, and 22.2-972 μg/kg pycnogenol;

b) 2.31-694 μg/kg vitamin A, 0.023-0.278 μg/kg vitamin D_3, 0.023-0.278 μg/kg vitamin E, 48.6-97.2 μg/kg vitamin B_1, 48.6-97. 2 μg/kg vitamin B_2, 312.5-3,190 μg/kg niacin, 0.6-4.17 μg/kg folic acid, 0.14-0.69 μg/kg vitamin B_{12}, 0.444-4.17 μg/kg biotin, 278-833 μg/kg pantothenic acid, 236-903 μg/kg calcium, 97.2-1,390 μg/kg phosphorus, 694-1,390 μg/kg magnesium, 41.7-111 μg/kg zinc, 0.42-3.47 μg/kg selenium, 13.9-45.1 μg/kg manganese, 0.07-2.78 μg/kg chromium, 0.03-1.04 μg/kg molybdenum, 111.1-2,778 μg/kg potassium, 694-3,472 μg/kg citrus fruit peel bioflavanoids, 1,389-4,167 μg/kg arginine, 1,111-2,778 μg/kg cysteine, 1,111-2,778 μg/kg inositol, 1,111-2,778 μg/kg carnitine, 41.7-486 μg/kg coenzyme Q_{10}, and 41.7-486 μg/kg pycnogenol; or

c) 4.06 μg/kg vitamin A, 0.046 μg/kg vitamin D_3, 0.046 μg/kg vitamin E, 97.2 μg/kg vitamin B_1, 97.2 μg/kg vitamin B_2, 625 μg/kg niacin, 1.25 μg/kg folic acid, 0.27 μg/kg vitamin B_{12}, ~~;~~ 0.9 μg/kg biotin, ~~;~~ 555 μg/kg pantothenic acid, 486 μg/kg calcium, 208 μg/kg phosphorus, 555 μg/kg magnesium, 97.2 μg/kg zinc, 0.78 μg/kg selenium, 18.1 μg/kg manganese, 0.14 μg/kg chromium, 0.06 μg/kg molybdenum, 277.8 μg/kg potassium, 1,389 μg/kg citrus fruit peel bioflavanoids, 555 μg/kg arginine, 486 μg/kg cysteine,486 μg/kg inositol, 486 μg/kg carnitine, 97.2 μg/kg coenzyme Q_{10}, and 97.2 μg/kg pycnogenol.

8. (currently amended) The nutritional composition of ~~any one of claims 1 to 7~~ claim 1, wherein the mammal is a human.

9. (currently amended) A pharmaceutical composition comprising the nutritional composition of ~~any one of claims 1 to 8~~ claim 1.

10. (currently amended) A method of facilitating bone healing in a mammal comprising administering to the mammal ~~Use of~~ the ~~nutritional~~ pharmaceutical composition of claim 9 ~~any one of claims 1 to 8 for the preparation of a pharmaceutical composition for facilitating bone healing in a mammal~~.

11. (currently amended) The method ~~use~~ of claim 10, wherein the ~~said~~ mammal is a human.

12. (currently amended) The method ~~use~~ of claim 10 ~~or 11~~, wherein ~~said~~ the pharmaceutical composition is ~~to be~~ administered orally, intravenously or parenterally.